

CLAIMS

1. A super absorbent polymer coated with a substantially impervious coating.
- 5 2. A super absorbent polymer according to claim 1, wherein said substantially impervious coating is degraded to render it permeable.
3. An absorbent material including a super absorbent polymer coated with a substantially impervious coating.
- 10 4. An absorbent material according to claim 3, wherein said substantially impervious coating is degraded to render it permeable.
- 15 5. An absorbent material according to claim 3, wherein said absorbent material is formed in a first shape and said degraded substantially impervious coating is degraded so as to define a second shape within said first shape.
6. An absorbent material according to claim 3, wherein it additionally comprises non-woven fibres.
- 20 7. An absorbent material according to claim 6, wherein said non-woven fibres comprise paper or board fibres.
8. A method for making an absorbent material comprising incorporating in a
25 first material a super absorbent polymer coated with a substantially impervious coating, and treating said substantially impervious coating to degrade it and render it permeable.
9. A method according to claim 8, wherein said absorbent material is made by a wet process.

10. A method according to claim 9, wherein said absorbent material is a wet laid web.
- 5 11. A method according to claim 10, wherein said absorbent material is selected from one of the group consisting of paper and board.
- 10 12. A method according to claim 8, wherein said super absorbent polymer is crushed to degrade said substantially impervious coating.
- 15 13. A method according to claim 12, wherein crushing takes place in a drying stage of a wet process.
14. A method according to claim 8, wherein said substantially impervious coating is degrade by a method selected from any of the group consisting of: heating, the application of ultrasound, and the application of electromagnetic radiation.
- 20 15. A method according to claim 8, wherein said absorbent material is made in a first shape, said degradation step to render said substantially impervious coating permeable only being performed on a part of said first shape so as to define a second shape within said first shape.
16. A super absorbent polymer according to claim 1, wherein said super absorbent polymer is in particulate form.
- 25 17. An absorbent material according to claim 3, wherein said super absorbent polymer is in particulate form.
18. A method according to claim 8, wherein said super absorbent polymer is in particulate form.